



ARKANSAS
Department of Environmental Quality

March 17, 2011

Cathy Stalcup
Plant Manager
Hanesbrands, Inc. - Clarksville
P.O. Box 669
Clarksville, AR 72830

Dear Ms. Stalcup:

The enclosed Permit No. 1284-AR-10 is your authority to construct, operate, and maintain the equipment and/or control apparatus as set forth in your application initially received on 12/3/2010.

After considering the facts and requirements of A.C.A. §8-4-101 et seq., and implementing regulations, I have determined that Permit No. 1284-AR-10 for the construction, operation and maintenance of an air pollution control system for Hanesbrands, Inc. - Clarksville to be issued and effective on the date specified in the permit, unless a Commission review has been properly requested under Arkansas Department of Pollution Control & Ecology Commission's Administrative Procedures, Regulation 8, within thirty (30) days after service of this decision.

The applicant or permittee and any other person submitting public comments on the record may request an adjudicatory hearing and Commission review of the final permitting decisions as provided under Chapter Six of Regulation No. 8, Administrative Procedures, Arkansas Pollution Control and Ecology Commission. Such a request shall be in the form and manner required by Regulation 8.603, including filing a written Request for Hearing with the APC&E Commission Secretary at 101 E. Capitol Ave., Suite 205, Little Rock, Arkansas 72201. If you have any questions about filing the request, please call the Commission at 501-682-7890.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Bates", is written over a horizontal line.

Mike Bates
Chief, Air Division

Enclosure

ADEQ MINOR SOURCE AIR PERMIT

Permit No.: 1284-AR-10

IS ISSUED TO:

Hanesbrands, Inc. - Clarksville
1904 Clark Road
Clarksville, AR 72830
Johnson County

AFIN: 36-00100

THIS PERMIT IS THE ABOVE REFERENCED PERMITTEE'S AUTHORITY TO CONSTRUCT, MODIFY, OPERATE, AND/OR MAINTAIN THE EQUIPMENT AND/OR FACILITY IN THE MANNER AS SET FORTH IN THE DEPARTMENT'S MINOR SOURCE AIR PERMIT AND THE APPLICATION. THIS PERMIT IS ISSUED PURSUANT TO THE PROVISIONS OF THE ARKANSAS WATER AND AIR POLLUTION CONTROL ACT (ARK. CODE ANN. SEC. 8-4-101 *ET SEQ.*) AND THE REGULATIONS PROMULGATED THEREUNDER, AND IS SUBJECT TO ALL LIMITS AND CONDITIONS CONTAINED HEREIN.

Signed:



Mike Bates
Chief, Air Division

March 17, 2011

Date

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List of Acronyms and Abbreviations

A.C.A.	Arkansas Code Annotated
AFIN	ADEQ Facility Identification Number
CFR	Code of Federal Regulations
CO	Carbon Monoxide
HAP	Hazardous Air Pollutant
lb/hr	Pound Per Hour
No.	Number
NO _x	Nitrogen Oxide
PM	Particulate Matter
PM ₁₀	Particulate Matter Smaller Than Ten Microns
SO ₂	Sulfur Dioxide
tpy	Tons Per Year
UTM	Universal Transverse Mercator
VOC	Volatile Organic Compound

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Section I: FACILITY INFORMATION

PERMITTEE:	Hanesbrands, Inc. - Clarksville
AFIN:	36-00100
PERMIT NUMBER:	1284-AR-10
FACILITY ADDRESS:	1904 Clark Road Clarksville, AR 72830
MAILING ADDRESS:	P.O. Box 669 Clarksville, AR 72830
COUNTY:	Johnson County
CONTACT NAME:	Cathy Stalcup
CONTACT POSITION:	Plant Manager
TELEPHONE NUMBER:	479-979-3439
CORP. CONTACT NAME:	Tommy Thompson
CORP. MAILING ADDRESS:	1000 Hanes Mill Road Winston-Salem, NC 27105
CORP TELEPHONE NUMBER:	336-519-2715
REVIEWING ENGINEER:	Adam McDaniel
UTM North South (Y):	Zone 15: 3924519.67 m
UTM East West (X):	Zone 15: 455622.76 m

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Section II: INTRODUCTION

Summary of Permit Activity

Hanesbrands, Inc. owns and operates a sheer hosiery mill (NAICS 315111) located at 1904 Clark Road, Clarksville, Johnson County, Arkansas 72830. This de minimis permit modification is to install additional steam boarding machines. SN-19 became SN-19-A which became SN-19-A & B in the latest permit. The stacks are actually different due to equipment location in the facility; the emission points need to be segregated. For that reason, SN-19 reassigned as the following:

SN-19-North:	Shrinking and Boarding on the north side of the plant.
SN-19-South:	Shrinking and Boarding on the south side of the plant.
SN-19-F:	Fugitives from the shrinking room on the north side of the plant.

In this application, installation of two more boarding machines to emit to SN-19-South as well as two more boarding machines to emit to SN-19-North is requested. Also, SN-16 through SN-18 is being removed from the permit.

The total permitted annual emission rate limit changes associated with this modification include: +11.2 tpy PM/PM₁₀ and -0.6 tpy VOC.

Process Description

Yarn is brought into the plant and goes to warehousing or the knitting department. From knitting, the product may take one of three paths:

1. Knitting to shrinking to AGLC (Automatic Gusset and Line Closure)/AMB to dyeing to drying to packaging. Some of the goods may be sent through boarding prior to packaging.
2. Knitting to shrinking to greige goods dry storage for shipment to another facility.
3. Knitting to shrinking to AGLC/AMB to greige goods for dry storage.

Knitting:

The knitting vacuum system will provide for 2,030 knitting machines. A common suction header allows for air to be pulled through 16 vacuum fans. Exhausts from these vacuum fans will be emitted through one of three electrostatic precipitators, SN-04A, 04B, or 04C. Each vacuum fan is rated for 13,000 cfm at 32 inches of water column resulting in a total of 208,000 cfm. Approximately, 140-160 cfm of plant air is pulled through each of the knitting machines, depending on the number of knitting machines actually running. Madol Knitting Oil is used to lubricate the knitting needles. The vacuum system pulls approximately 25% of the oil used to lubricate the knitting needles off of the knitting needles. This oil is carried to the vacuum fan through air ducts. The oil mist is discharged by the vacuum fans into electrostatic precipitators where oil mist is removed from the air stream and drained into a used oil tank. The oil is either filtered or reused in knitting or it is disposed of as used oil in accordance with federal and state regulations.

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Boilers:

Both of the facility boilers are 300 hp Kawanee boilers. The boilers are fired by natural gas and equipped to run No. 2 fuel oil (less than 0.05% sulfur by weight) as an alternative fuel.

Dyeing:

The dyeing process is performed in twenty-one (21) atmospheric vessels of liquid dye heated to 208°F. Steam vapor mixed with dye and chemical vapors from the dyeing process are captured and emitted through SN-10. The compounds used in the dyes are not volatile and are all highly soluble in water. There are no air emissions from the dyeing process (SN-09). The condensate from SN-10 is discharged to the process sewer system.

Drying:

After dyeing, the hosiery is sent to drying, which operates at a temperature of 165°F. Water vapors mixed with hosiery softener from the dryers are captured and emitted through SN-11 through SN-14. These are steam operated dryers. The water and hosiery softener condense out of the dryer and eventually discharge to the process sewer system through housekeeping. There is a small amount of particulate emissions (oil mist) released from the softener (softlube) used in the drying process.

AGLC (Automatic Gusset and Line Closure)/AMB:

The AGLC process connects the components of the hosiery and closes the toe ends of the hosiery. The AMB process closes the toe ends to produce knee high hosiery. Waste clippings are removed by a vacuum system and collected as a solid waste. A small amount of lint is entrained in the vacuum air and is removed using a rotary drum filter before returning to the room or exhausted to the outside through SN-15.

Steam Boarding:

Most of the hosiery goes through AGLC directly to packaging. Some of the hosiery goes through a steam boarding operation before packaging. Boarding is a process by which the hosiery is provided a neat pressed appearance and a contoured shape. The hosiery is placed over the form and heated with steam. Vapors from the two steam boarding machines are captured and emitted through SN-19-North, South, and F.

Electric Boarding:

Most of the hosiery goes from AGLC directly to packaging. Some of the hosiery goes through an electric boarding operation before packaging. Boarding is a process by which the hosiery is provided a neat pressed appearance and a contoured shape. Vapors from the eight electric boarding machines are emitted through SN-20.

Shrinking and Boarding:

In the shrinking process, the hosiery is shrunk in tumble dryers, in-line shrinking, or autoclaves. The hosiery is steam heated to shrink the nylon hosiery. The steam and vapors from the tumble dryers are captured and emitted through SN-19-North and SN-19-South. The fugitive emissions from in-line shrinking and autoclaves are identified as SN-19F.

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Automatic Packaging:

In the automatic packaging operation, the hosiery from the electric boarding operation is folded, packed, and sealed in plastic wrap. The plastic wrap is cut with a hot wire. Fumes produced by the hot wire cutting of the plastic wrap are emitted through SN-20.

Regulations

The following table contains the regulations applicable to this permit.

Regulations
Arkansas Air Pollution Control Code, Regulation 18, effective June 18, 2010
Regulations of the Arkansas Plan of Implementation for Air Pollution Control, Regulation 19, effective July 18, 2009

Total Allowable Emissions

The following table is a summary of emissions from the facility. This table, in itself, is not an enforceable condition of the permit.

TOTAL ALLOWABLE EMISSIONS		
Pollutant	Emission Rates	
	lb/hr	tpy
PM	11.2	47.6
PM ₁₀	11.0	46.6
SO ₂	1.4	5.8
VOC	0.3	0.9
CO	2.4	9.8
NO _x	3.6	15.8

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Section III: PERMIT HISTORY

Permit #1284-A was the initial permit for the facility. It was issued on January 30, 1992. This permit allowed the facility to add an additional texturing process and additional knitting machines to the facility. Total emissions were permitted at 3.64 tpy for particulate, 11.04 tpy for NO_x, 1.10 tpy for CO, and 1.75 tpy for VOC.

Permit #1284-AR-1 was issued on August 23, 1993. This permit allowed the facility to add six additional texturing machines. This increased the oil mist (particulate matter) by approximately 1 tpy.

Permit #1284-AR-2 was issued on March 15, 1995, to allow the facility to add additional texturing capacity. Total emissions were permitted at 18.8 tpy PM/PM₁₀, 56.8 tpy SO₂, 0.9 tpy VOC, 15.8 tpy NO_x, and 4.1 tpy CO.

Permit #1284-AR-3 was issued on June 27, 1997. It allowed the facility to add additional texturing capacity. Total emissions were permitted at 28.6 tpy PM/PM₁₀, 56.8 tpy SO₂, 0.9 tpy VOC, 15.8 tpy NO_x, and 4.1 tpy CO.

Permit #1284-AR-4 was issued on March 3, 2000. It allowed the facility to increase capacity by installing 402 knitting machines, eight AGLC machines, and twelve in-line shrinking machines. The increase from those activities was 14.9 tpy of particulate matter.

Permit #1284-AR-5 was issued on November 17, 2000. It allowed the facility to burn No. 2 fuel oil as a primary fuel, for boilers #1 and #2, in addition to natural gas. There had also been a change in emission factors since the boilers were initially permitted that accounted for a decrease in SO₂ emissions by approximately 51.0 tpy. NO_x emissions were increased by 11.0 tpy.

Permit #1284-AR-6 was issued on March 19, 2004. This permitting action allowed the facility to add a stack for the shrinking department, and it also corrected the ton per year (tpy) emission rates for PM, PM₁₀, CO, and NO_x for SN-05 and SN-06. There was no emission increases associated with this permitting action.

Permit #1284-AR-7 was issued on January 10, 2007. It allowed the facility to install seven hundred and twenty (720) knitting machines and associated vacuum system and electrostatic precipitator (ESP), relocated from an existing facility. The permit also reflected a name change from Sara Lee Hosiery to Hanesbrands, Inc. The PM/PM₁₀ emissions increased by 0.2 tpy.

Permit #1284-AR-8 was issued on July 26, 2007. This permit modification was necessary to: install seven (7) new atmospheric dye machines (SN-10); install three (3) new steam box dryers (SN-11A, 12A, and 13A); and remove all texturizing equipment (SN-01, 02, 03, 07, and 08). Permitted annual emissions associated with these changes decreased 2.6 tpy PM/PM₁₀.

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Permit #1284-AR-9 was issued on March 24, 2010. This permit modification was necessary to:

1. Remove eight (8) shrinking units (SN-19B);
2. Install boarding machines (SN-19B) which will use 188 pounds per year of boarding lubricant;
3. Install automatic shrink-wrap packaging (SN-19B) which will expend 150,000 pounds per 12 consecutive months of polypropylene shrink-wrap film, a total of 300,000;
4. Remove SN-11A, 12A and 13A (three steam box Dryers); this equipment was never installed;
5. Permit softlube or finish material not to exceed 3 percent oil (previously permitted at 2%) and confirm with MSDS; and
6. Correct VOC summary math error from prior permit.

The total permitted annual emission rate limit changes associated with this modification include: -4.9 tpy PM, -4.9 tpy PM₁₀, 1.0 tpy VOC and 0.1 tpy CO.

Section IV: EMISSION UNIT INFORMATION

Specific Conditions

1. The permittee shall not exceed the emission rates set forth in the following table. The permittee shall demonstrate compliance with this condition by operating at or less than maximum capacity and by compliance with Specific Conditions #6, #7 and #10.
 [Regulation 19, §19.501 et seq., and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

SN	Description	Pollutant	lb/hr	tpy
04A & 04B	Knitting Machines and Knitting Vacuum* (1310 machines)	PM ₁₀	1.7	7.4
04C	Knitting Machines* (720 machines and vacuum system)	PM ₁₀	0.1	0.2
05	Boiler #1 (300 hp Kewanee)	PM ₁₀	0.1	0.4
		SO ₂	0.7	2.9
		VOC	0.1	0.4
		CO	1.1	4.8
		NO _x	1.8	7.9
06	Boiler #2 (300 hp Kewanee)	PM ₁₀	0.1	0.4
		SO ₂	0.7	2.9
		VOC	0.1	0.4
		CO	1.1	4.8
		NO _x	1.8	7.9
09	Dye Mix Room	No emissions from this room.		
10	Dyeing Vent (21 Dye Machines)	VOC	0.1	0.1
11	Box Dryer #1*	PM ₁₀	0.1	0.3

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SN	Description	Pollutant	lb/hr	tpy
12	Box Dryers #2*	PM ₁₀	0.1	0.3
13	Box Dryers #3*	PM ₁₀	0.1	0.3
14	Box Dryers #4*	PM ₁₀	0.1	0.3
15	AGLC/AMB	PM ₁₀	2.2	9.6
19-North	Shrinking/Boarding on the North Side of the Plant*	PM ₁₀	2.9	12.7
19-South	Shrinking/Boarding/Packaging on the South Side of the Plant*	PM ₁₀ CO	1.3 0.1	5.6 0.1
19F	Non-Point Emissions Shrinking Department*	PM ₁₀	2.1	9.0
20	Electric Boarding/Packaging	PM ₁₀	0.1	0.1
		CO	0.1	0.1
01, 02, 03, 07 & 08	Texturizing equipment removed from service.			
11A, 12A & 13A	Equipment never installed, removed source numbers.			

*Particulate emissions are in the form of an oil mist from softlube (finish).

- The permittee shall not exceed the emission rates set forth in the following table. The permittee shall demonstrate compliance with this condition by operating at or less than maximum capacity and by compliance with Specific Conditions #6, #7 and #10. [Regulation 18, §18.801, and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

SN	Description	Pollutant	lb/hr	tpy
04A & 04B	Knitting Machines and Knitting Vacuum* (1310 machines)	PM	1.7	7.4

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SN	Description	Pollutant	lb/hr	tpy
04C	Knitting Machines* (720 machines and vacuum system)	PM	0.1	0.2
05	Boiler #1 (300 hp Kawanee)	PM	0.2	0.9
06	Boiler #2 (300 hp Kawanee)	PM	0.2	0.9
09	Dye Mix Room	No emissions from this room		
11	Box Dryers #1*	PM	0.1	0.3
12	Box Dryers #2*	PM	0.1	0.3
13	Box Dryers #3*	PM	0.1	0.3
14	Box Dryers #4*	PM	0.1	0.3
15	AGLC/AMB	PM	2.2	9.6
19-North	Shrinking/Boarding on the North Side of the Plant*	PM	2.9	12.7
19-South	Shrinking/Boarding/Packaging on the South Side of the Plant*	PM	1.3	5.6
19F	Non-Point Emissions Shrinking Department*	PM	2.1	9.0
20	Electric Boarding/Packaging	PM	0.1	0.1
01, 02, 03, 07 & 08	Texturizing equipment removed from service.			
11A, 12A & 13A	Equipment never installed, removed source numbers.			

*Particulate emissions are in the form of an oil mist from softlube (finish).

- Visible emissions may not exceed the limits specified in the following table of this permit as measured by EPA Reference Method 9. [Regulation 18, §18.501, and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

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SN	Limit	Regulatory Citation
04A, 04B, 04C, 10, 11, 12, 13, 14, & 20	5%	§18.501 and A.C.A.
05, 06, 15, 19A, 19B & 19F	15%	§18.501 and A.C.A.

4. The permittee shall not cause or permit the emission of air contaminants, including odors or water vapor and including an air contaminant whose emission is not otherwise prohibited by Regulation #18, if the emission of the air contaminant constitutes air pollution within the meaning of A.C.A. §8-4-303. [Regulation 18, §18.801, and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
5. The permittee shall not conduct operations in such a manner as to unnecessarily cause air contaminants and other pollutants to become airborne. [Regulation 18, §18.901, and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
6. The permittee shall use either pipeline quality natural gas or No. 2 fuel oil (less than 0.05% sulfur by weight) as fuel for the boilers (SN-05 & 06) at this facility. [Regulation 19, §19.705, and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
7. The permittee shall not use more than 219,946,080 scf/yr of pipeline quality natural gas. The permittee shall not use more than 1,576,800 gallons per year of No. 2 fuel oil (less than 0.05% sulfur by weight) at the facility. [Regulation 19, §19.705, and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
8. The permittee shall maintain monthly records for usage of natural gas and fuel oil which demonstrate compliance with Specific Condition #7. The permittee shall update the records by the fifteenth day of the month following the month to which the records pertain. The permittee shall maintain a twelve month rolling total and each individual month's data on-site and made available to Department personnel upon request. [Regulation 19, §19.705, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
9. The softlube or other finish material used at the facility shall not exceed 3 percent oil concentration. Material Safety Data Sheets shall be maintained onsite to demonstrate compliance with this specific condition. [Regulation 18, §18.1004, and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

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Section V: INSIGNIFICANT ACTIVITIES

The Department deems the following types of activities or emissions as insignificant on the basis of size, emission rate, production rate, or activity in accordance with Group A of the Insignificant Activities list found in Regulation 18 and 19 Appendix A. Insignificant activity emission determinations rely upon the information submitted by the permittee in an application dated February 1, 2010 and correspondence received on March 24, 2010.

Description	Category
Emergency Backup Generator, Kohler model 60RZ272, 60KW	A-12
4,000 gallon Madol Knitting Oil Tank (virgin)	A-3
2,500 gallon Madol Knitting Oil Tank (used)	A-3
500 gallon Madol Knitting Oil Tank (recycle)	A-3
4,000 gallon Madol Knitting Oil Tank (recycle)	A-3
1,000 gallon Propane Tank	A-3
15,000 gallon Fuel Oil Tank	A-3
4,000 gallon Texturing Yarn Oil (virgin)	A-3
200 gallon Texturing Yarn Oil (supply)	A-3
250 gallon Texturing Yarn Oil (used)	A-3
250 gallon Texturing Yarn Oil (used)	A-3

Section VI: GENERAL CONDITIONS

1. Any terms or conditions included in this permit that specify and reference Arkansas Pollution Control & Ecology Commission Regulation 18 or the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 et seq.) as the sole origin of and authority for the terms or conditions are not required under the Clean Air Act or any of its applicable requirements, and are not federally enforceable under the Clean Air Act. Arkansas Pollution Control & Ecology Commission Regulation 18 was adopted pursuant to the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 et seq.). Any terms or conditions included in this permit that specify and reference Arkansas Pollution Control & Ecology Commission Regulation 18 or the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 et seq.) as the origin of and authority for the terms or conditions are enforceable under this Arkansas statute.
2. This permit does not relieve the owner or operator of the equipment and/or the facility from compliance with all applicable provisions of the Arkansas Water and Air Pollution Control Act and the regulations promulgated under the Act. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
3. The permittee shall notify the Department in writing within thirty (30) days after commencement of construction, completion of construction, first operation of equipment and/or facility, and first attainment of the equipment and/or facility target production rate. [Regulation 19, §19.704 and/or A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
4. Construction or modification must commence within eighteen (18) months from the date of permit issuance. [Regulation 19, §19.410(B) and/or Regulation 18, §18.309(B) and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
5. The permittee must keep records for five years to enable the Department to determine compliance with the terms of this permit such as hours of operation, throughput, upset conditions, and continuous monitoring data. The Department may use the records, at the discretion of the Department, to determine compliance with the conditions of the permit. [Regulation 19, §19.705 and/or Regulation 18, §18.1004 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
6. A responsible official must certify any reports required by any condition contained in this permit and submit any reports to the Department at the address below. [Regulation 19, §19.705 and/or Regulation 18, §18.1004 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

Arkansas Department of Environmental Quality
Air Division
ATTN: Compliance Inspector Supervisor
5301 Northshore Drive
North Little Rock, AR 72118-5317
7. The permittee shall test any equipment scheduled for testing, unless stated in the Specific Conditions of this permit or by any federally regulated requirements, within the following time frames: (1) newly constructed or modified equipment within sixty (60) days of

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achieving the maximum production rate, but no later than 180 days after initial start up of the permitted source or (2) existing equipment already operating according to the time frames set forth by the Department. The permittee must notify the Department of the scheduled date of compliance testing at least fifteen (15) business days in advance of such test. The permittee must submit compliance test results to the Department within thirty (30) calendar days after the completion of testing. [Regulation 19, §19.702 and/or Regulation 18, §18.1002 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

8. The permittee shall provide: [Regulation 19, §19.702 and/or Regulation 18, §18.1002 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
 - a. Sampling ports adequate for applicable test methods;
 - b. Safe sampling platforms;
 - c. Safe access to sampling platforms; and
 - d. Utilities for sampling and testing equipment
9. The permittee shall operate equipment, control apparatus and emission monitoring equipment within their design limitations. The permittee shall maintain in good condition at all times equipment, control apparatus and emission monitoring equipment. [Regulation 19, §19.303 and/or Regulation 18, §18.1104 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
10. If the permittee exceeds an emission limit established by this permit, the permittee will be deemed in violation of said permit and will be subject to enforcement action. The Department may forego enforcement action for emissions exceeding any limits established by this permit provided the following requirements are met: [Regulation 19, §19.601 and/or Regulation 18, §18.1101 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
 - a. The permittee demonstrates to the satisfaction of the Department that the emissions resulted from an equipment malfunction or upset and are not the result of negligence or improper maintenance, and the permittee took all reasonable measures to immediately minimize or eliminate the excess emissions.
 - b. The permittee reports the occurrence or upset or breakdown of equipment (by telephone, facsimile, or overnight delivery) to the Department by the end of the next business day after the occurrence or the discovery of the occurrence.
 - c. The permittee must submit to the Department, within five business days after the occurrence or the discovery of the occurrence, a full, written report of such occurrence, including a statement of all known causes and of the scheduling and nature of the actions to be taken to minimize or eliminate future occurrences, including, but not limited to, action to reduce the frequency of occurrence of such conditions, to minimize the amount by which said limits are exceeded, and to reduce the length of time for which said limits are exceeded. If the information is included in the initial report, the information need not be submitted again.
11. The permittee shall allow representatives of the Department upon the presentation of credentials: [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

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- a. To enter upon the permittee's premises, or other premises under the control of the permittee, where an air pollutant source is located or in which any records are required to be kept under the terms and conditions of this permit;
 - b. To have access to and copy any records required to be kept under the terms and conditions of this permit, or the Act;
 - c. To inspect any monitoring equipment or monitoring method required in this permit;
 - d. To sample any emission of pollutants; and
 - e. To perform an operation and maintenance inspection of the permitted source.
12. The Department issued this permit in reliance upon the statements and presentations made in the permit application. The Department has no responsibility for the adequacy or proper functioning of the equipment or control apparatus. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
13. The Department may revoke or modify this permit when, in the judgment of the Department, such revocation or modification is necessary to comply with the applicable provisions of the Arkansas Water and Air Pollution Control Act and the regulations promulgated the Arkansas Water and Air Pollution Control Act. [Regulation 19, §19.410(A) and/or Regulation 18, §18.309(A) and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
14. This permit may be transferred. An applicant for a transfer must submit a written request for transfer of the permit on a form provided by the Department and submit the disclosure statement required by Arkansas Code Annotated §8-1-106 at least thirty (30) days in advance of the proposed transfer date. The permit will be automatically transferred to the new permittee unless the Department denies the request to transfer within thirty (30) days of the receipt of the disclosure statement. The Department may deny a transfer on the basis of the information revealed in the disclosure statement or other investigation or, deliberate falsification or omission of relevant information. [Regulation 19, §19.407(B) and/or Regulation 18, §18.307(B) and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
15. This permit shall be available for inspection on the premises where the control apparatus is located. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
16. This permit authorizes only those pollutant emitting activities addressed herein. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
17. This permit supersedes and voids all previously issued air permits for this facility. [Regulations 18 and 19 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
18. The permittee must pay all permit fees in accordance with the procedures established in Regulation No. 9. [A.C.A §8-1-105(c)]
19. The permittee may request in writing and at least 15 days in advance of the deadline, an extension to any testing, compliance or other dates in this permit. No such extensions are authorized until the permittee receives written Department approval. The Department may grant such a request, at its discretion in the following circumstances:

- a. Such an extension does not violate a federal requirement;
- b. The permittee demonstrates the need for the extension; and
- c. The permittee documents that all reasonable measures have been taken to meet the current deadline and documents reasons it cannot be met.

[Regulation 18, §18.314(A), Regulation 19, §19.416(A), A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, and 40 CFR Part 52, Subpart E]

20. The permittee may request in writing and at least 30 days in advance, temporary emissions and/or testing that would otherwise exceed an emission rate, throughput requirement, or other limit in this permit. No such activities are authorized until the permittee receives written Department approval. Any such emissions shall be included in the facilities total emissions and reported as such. The Department may grant such a request, at its discretion under the following conditions:

- a. Such a request does not violate a federal requirement;
- b. Such a request is temporary in nature;
- c. Such a request will not result in a condition of air pollution;
- d. The request contains such information necessary for the Department to evaluate the request, including but not limited to, quantification of such emissions and the date/time such emission will occur;
- e. Such a request will result in increased emissions less than five tons of any individual criteria pollutant, one ton of any single HAP and 2.5 tons of total HAPs; and
- f. The permittee maintains records of the dates and results of such temporary emissions/testing.

[Regulation 18, §18.314(B), Regulation 19, §19.416(B), A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, and 40 CFR Part 52, Subpart E]

21. The permittee may request in writing and at least 30 days in advance, an alternative to the specified monitoring in this permit. No such alternatives are authorized until the permittee receives written Department approval. The Department may grant such a request, at its discretion under the following conditions:

- a. The request does not violate a federal requirement;
- b. The request provides an equivalent or greater degree of actual monitoring to the current requirements; and
- c. Any such request, if approved, is incorporated in the next permit modification application by the permittee.

[Regulation 18, §18.314(C), Regulation 19, §19.416(C), A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, and 40 CFR Part 52, Subpart E]

CERTIFICATE OF SERVICE

I, Pam Owen, hereby certify that a copy of this permit has been mailed by first class mail to
Hanesbrands, Inc. - Clarksville, P.O. Box 669, Clarksville, AR, 72830, on this

17th day of March 2011.

Pam Owen

Pam Owen, AAIL, Air Division